

**WHAT IS CLAIMED IS:**

1. A digital camera with a multi-illuminating source, the digital camera comprising:
  - a microprocessor for providing a trigger signal;
  - a flash lamp driver connected to the microprocessor for receiving the trigger signal;
  - a flash lamp connected to the flash lamp driver, wherein the flash lamp is controlled by the flash lamp driver to emit a flashlight signal toward a target;
  - a laser driver connected to the microprocessor for receiving the trigger signal;
  - an infrared element connected to the laser driver for emitting a series of infrared light signals toward the target;
  - a charge coupled sensor connected to the microprocessor for receiving a reflected signal from the target through a filter and converting the reflected signal into a digital photo signal, wherein the filter is connected to the charge coupled sensor; and
  - a memory connected to the charge coupled sensor for storing the digital photo signal from charge coupled sensor.
2. The digital camera with a multi-illuminating source as claimed in claim 1, wherein the infrared element is an infrared laser diode (IR LD).
3. The digital camera with a multi-illuminating source as claimed in claim 1, wherein the infrared element is an infrared light emitting diode (IR LED).